

Claims:

1    1.    A method in which a computer acquires particular data  
2    through a network, said method comprising steps of:

3                 detecting an activation instruction to activate a particular  
4    program;

5                 performing particular data acquisition processing for  
6    acquiring the particular data through the network, when an  
7    activation instruction to activate the particular program is  
8    detected; and

9                 thereafter, activating said particular program whose  
10   activation has been instructed.

1    2.    A method according to Claim 1, wherein:

2                 said activation instruction to activate the particular  
3    program is an activation instruction to activate a program that  
4    sends and receives communication.

1    3.    A method according to Claim 2, wherein:

2                 said particular data acquisition processing is processing of  
3    updating a security file.

1    4.    A method according to one of Claims 1 and 2, wherein:

2                 activation of said particular program whose activation has  
3    been instructed is activation of said program that sends and  
4    receives communications and whose activation has been  
5    instructed.

1       5.     A system for acquiring particular data through a network,  
2 comprising:

3              a means that detects an activation instruction to activate  
4 a particular program;

5              a means that performs particular data acquisition  
6 processing for acquiring particular data through the network,  
7 when an activation instruction to activate the particular program  
8 is detected; and

9              a means that activates said particular program whose  
10 activation has been instructed, after said particular data  
11 acquisition processing.

1       6.     A system according to Claim 5, wherein:

2              said means that gives the activation instruction to activate  
3 said particular program is a means that gives an activation  
4 instruction to activate a program that sends and receives  
5 communications.

1       7.     A network security enhancing system for a computer,  
2 comprising:

3              a means that activates processing of updating a security  
4 file at activation of a program that connects to a network and  
5 sends and receives communications, after processing of connection  
6 to said network and before other processing.

1       8.     A network security enhancing system according to Claim 7,  
2 further comprising:

3              a means that displays a message reporting completion of

4 said processing of updating the security file, after the processing  
5 has been completed.

1 9. A network security enhancing system according to Claim 7,  
2 comprising:

3 a means that detects first activation of a program that  
4 connects to the network and sends and receives communications,  
5 in a state that an already operating computer is no connected to  
6 the network; and

7 a means that activates the processing of updating the  
8 security file at activation of said program, after processing of  
9 connection to said network and before other processing.

1 10. A network security enhancing system according to Claim 7,  
2 wherein:

3 said processing of updating the security file is processing  
4 of acquiring amendment of a definition file used for an antivirus  
5 countermeasure.

1 11. A network security enhancing system according to Claim 7,  
2 wherein:

3 said processing of updating the security file is processing  
4 of acquiring a patch file.

1 12. A network security enhancing system according to Claim 7,  
2 further comprising:

3 a means that activates the processing of updating the  
4 security file at activating a browser and before displaying a

5 screen.

1 13. A network security enhancing system according to Claim 7,  
2 further comprising:

3 a means that outputs a message requesting activation of  
4 the processing of updating the security file, after said program  
5 that connects to the network and sends and receives  
6 communications connects to the network and before said program  
7 starts communication operation.

1 14. A network security enhancing system according to Claim 7,  
2 further comprising:

3 a means that outputs a message requesting activation of  
4 the processing of updating the security file, at activation of a  
5 browser and before displaying a screen.

1 15. A network security enhancing system for computer,  
2 wherein:

3 said network security enhancing system comprises a  
4 means that automatically generates a control program; and

5 said control program detects a program that is installed on  
6 the computer and connects to a network and sends and receives  
7 communications, activates processing of connecting to the network  
8 and processing of updating a security file, and thereafter  
9 activates said program that sends and receives communications.

1 16. A network security enhancing program, wherein:

2 said network security enhancing program makes a

3 computer operate to activate processing of updating a security file  
4 at activation of a program that connects to a network and sends  
5 and receives communications, after connection to the network and  
6 before other processing.

1 17. A network security enhancing program, wherein:  
2 said network security enhancing program makes a  
3 computer perform processing of automatically generating a control  
4 program;

5 said control program detects a program that has been  
6 installed in the computer and connects to the network and sends  
7 and receives communication; and

8 then, said control program activates processing of  
9 connection to said network, activates processing of updating a  
10 security file, and thereafter activates said program that sends and  
11 receives communication.